

Title (en)  
Transdermal drug delivery device

Title (de)  
Transdermale Arzneimittelzuführungvorrichtung

Title (fr)  
Dispositif d'administration de médicaments transdermique

Publication  
**EP 1841491 B1 20090527 (EN)**

Application  
**EP 05851357 A 20051031**

Priority  
• US 2005039927 W 20051031  
• US 136704 A 20041202  
• US 158704 A 20041202

Abstract (en)  
[origin: WO2006060106A1] A transdermal drug delivery device (100, 100') includes a cassette (104) and a lid (106) that is attachable to the cassette (104). The cassette (104) includes a first reservoir (110) for containing a drug (102) and microneedles (116). At least one of the microneedles (116) is in fluid communication with the first reservoir (110). The lid (104) includes a power source (114, 144) and an electronic device (138) configured to receive electrical energy generated from the power source (114, 144). The drug delivery device (100, 100') also includes a logic device (136) configured to selectively control delivery of the electrical energy to the electronic device (138), whereby delivery of the electrical energy causes the electronic device (138) to deliver the drug (102) contained in the first reservoir (110).

IPC 8 full level  
**A61M 37/00** (2006.01)

CPC (source: EP US)  
**A61M 37/0015** (2013.01 - EP US); **A61M 2037/003** (2013.01 - EP US); **A61M 2037/0061** (2013.01 - EP US); **A61M 2205/16** (2013.01 - EP US); **A61M 2205/35** (2013.01 - EP US); **A61M 2205/50** (2013.01 - EP US); **A61M 2205/82** (2013.01 - EP US)

Cited by  
US10117774B2; US9861525B2; US9693894B2; US10321858B2; US9623174B2; US9849238B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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